Investigating the impact of Data Monitoring Committee recommendations on the probability of trial success
Supplementary material: exploration of other information fractions

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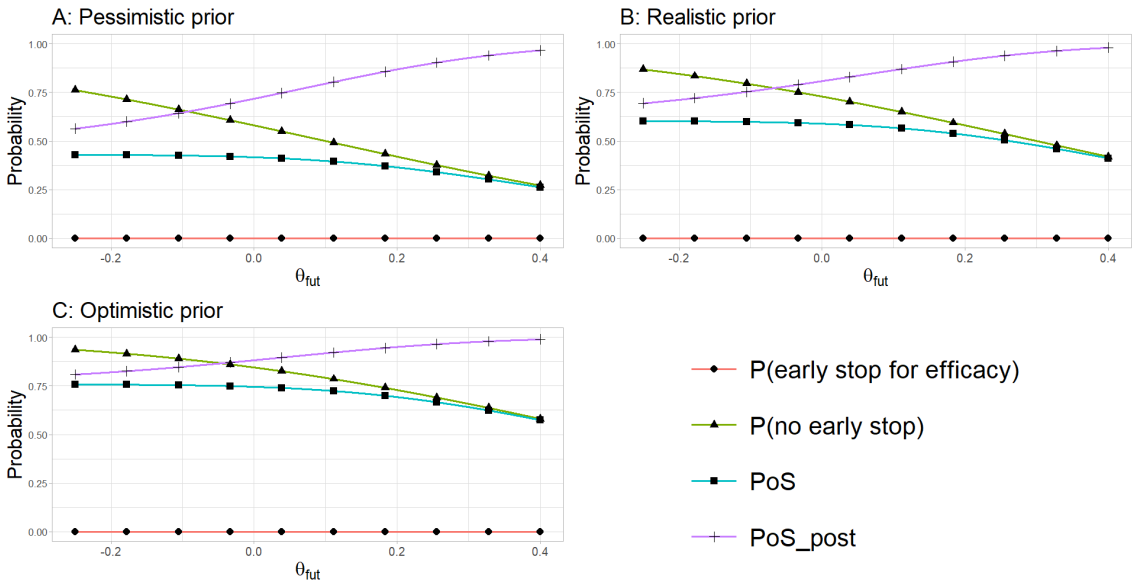
1 No early stop for efficacy

PoS_{post}, PoS, $P(\textit{early stop for efficacy})$ and $P(\textit{no early stop})$ as functions of θ_{fut} for three different priors and varying infromation fractions when there is no stopping rule for efficacy.

Figure 1: Information fraction = 20%



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[3]Chiesi Farmaceutici, Italy

Figure 2: Information fraction = 30%

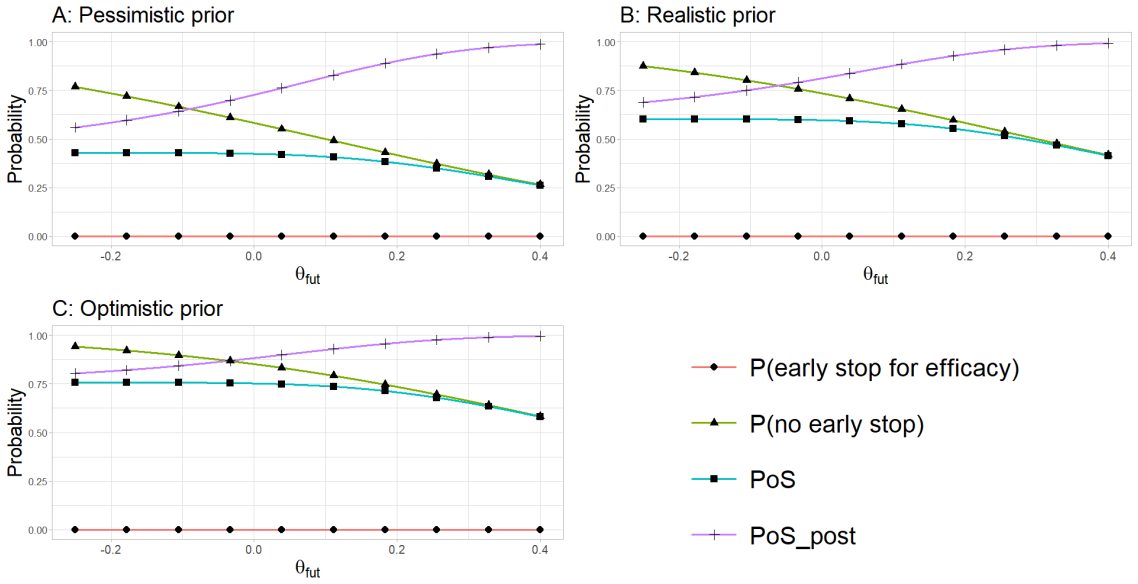


Figure 3: Information fraction = 40%

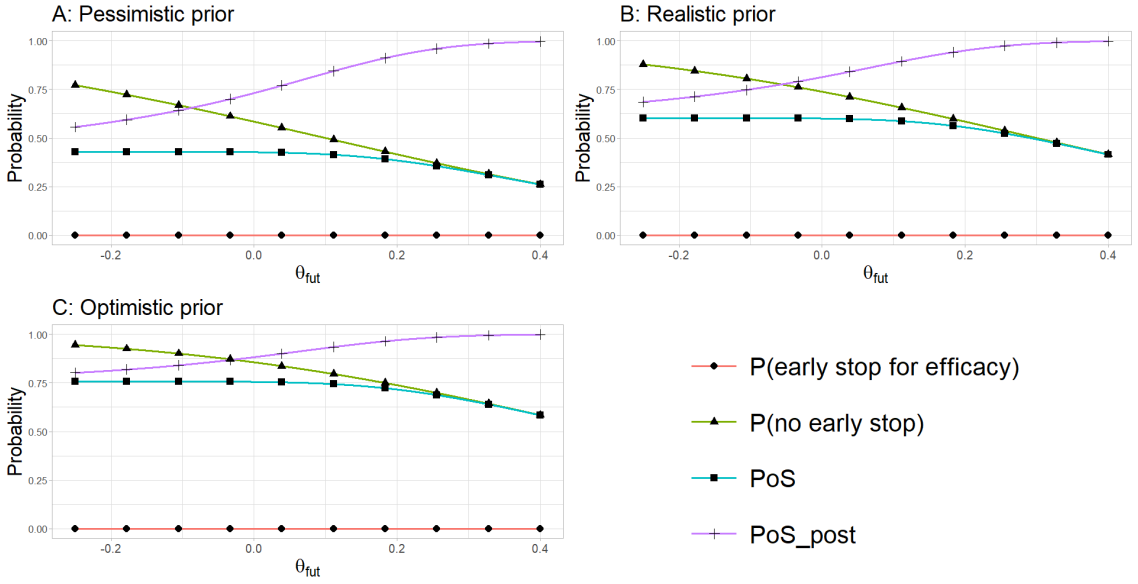


Figure 4: Information fraction = 50%

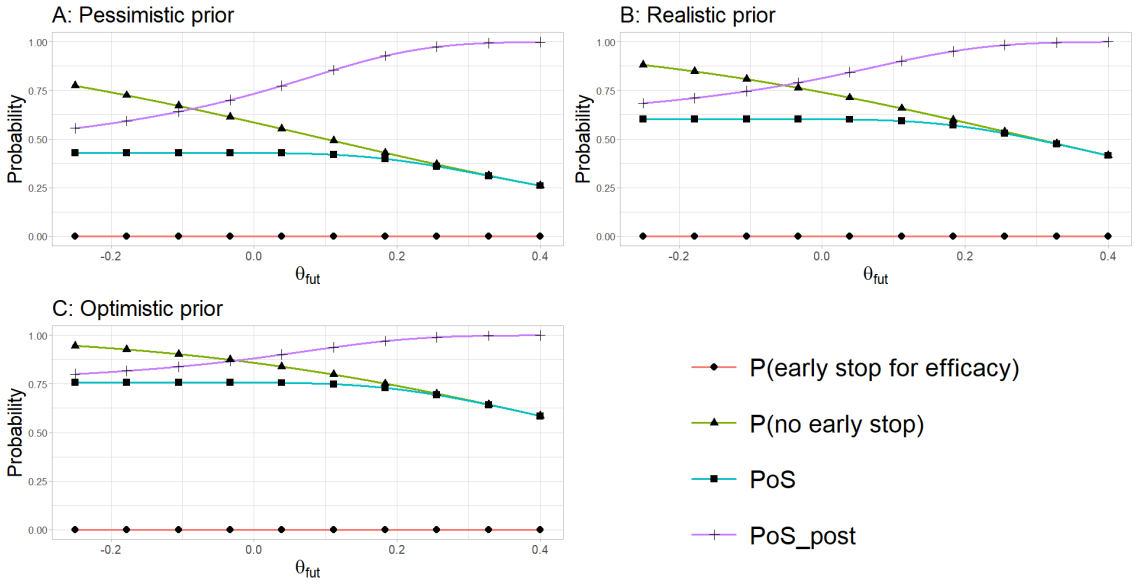


Figure 5: Information fraction = 60%

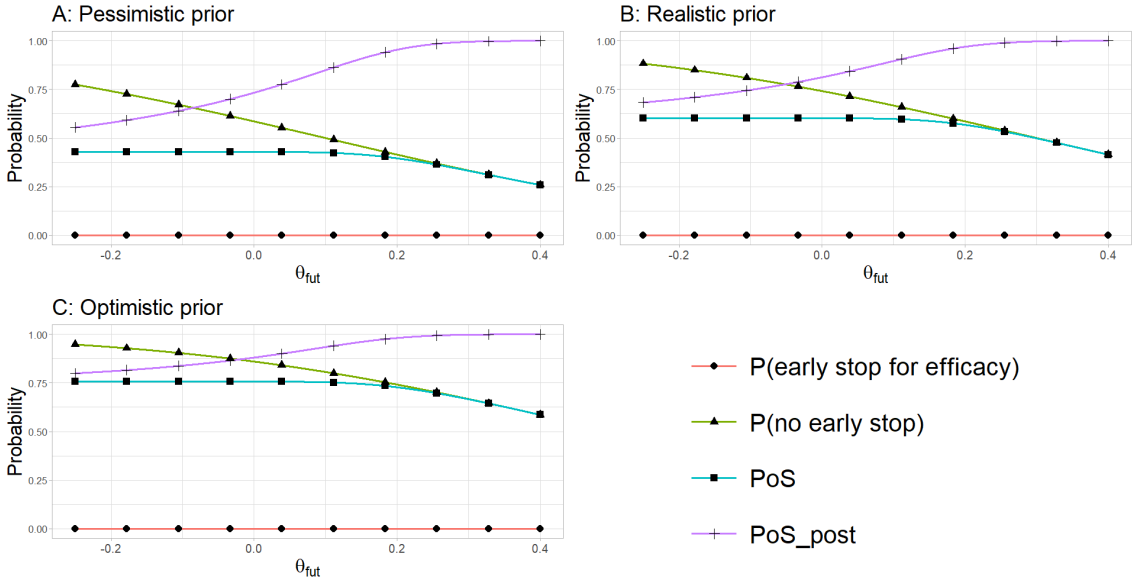


Figure 6: Information fraction = 70%

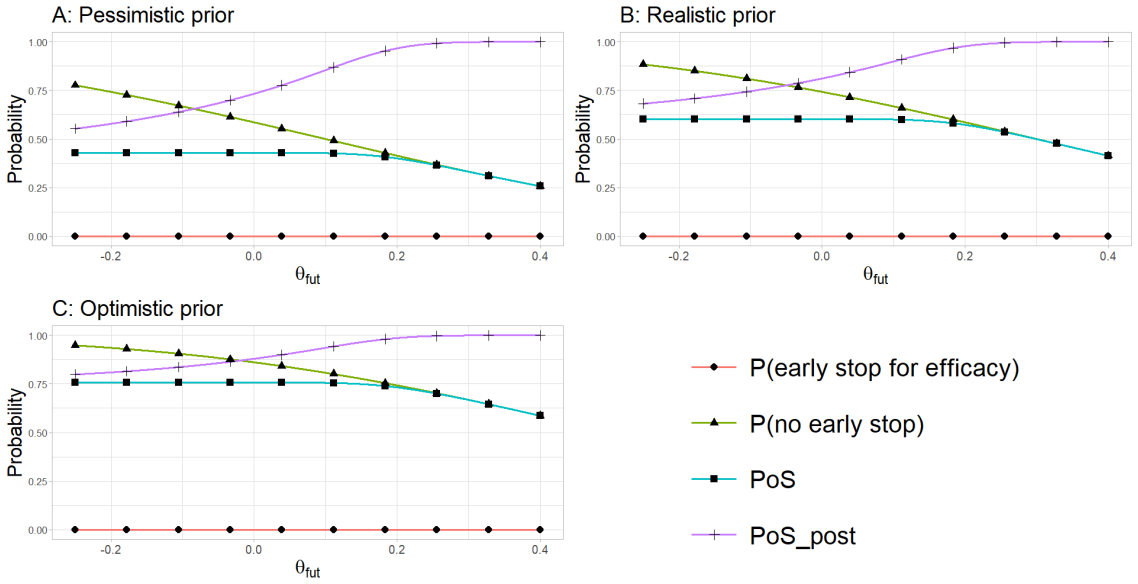
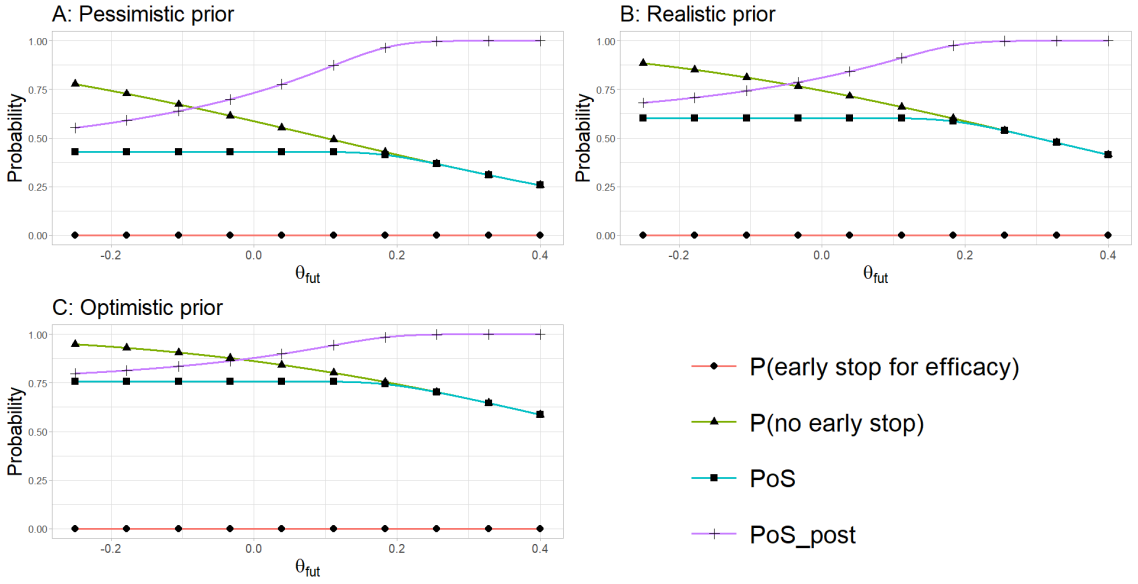


Figure 7: Information fraction = 80%



2 O'Brien-Fleming efficacy boundary

PoS_{post}, PoS, $P(early\ stop\ for\ efficacy)$ and $P(no\ early\ stop)$ as functions of θ_{fut} for three different priors and varying infromation fractions when an O'Brien-Fleming efficacy boundary (vertical dashed line) is used.

Figure 8: Information fraction = 20%

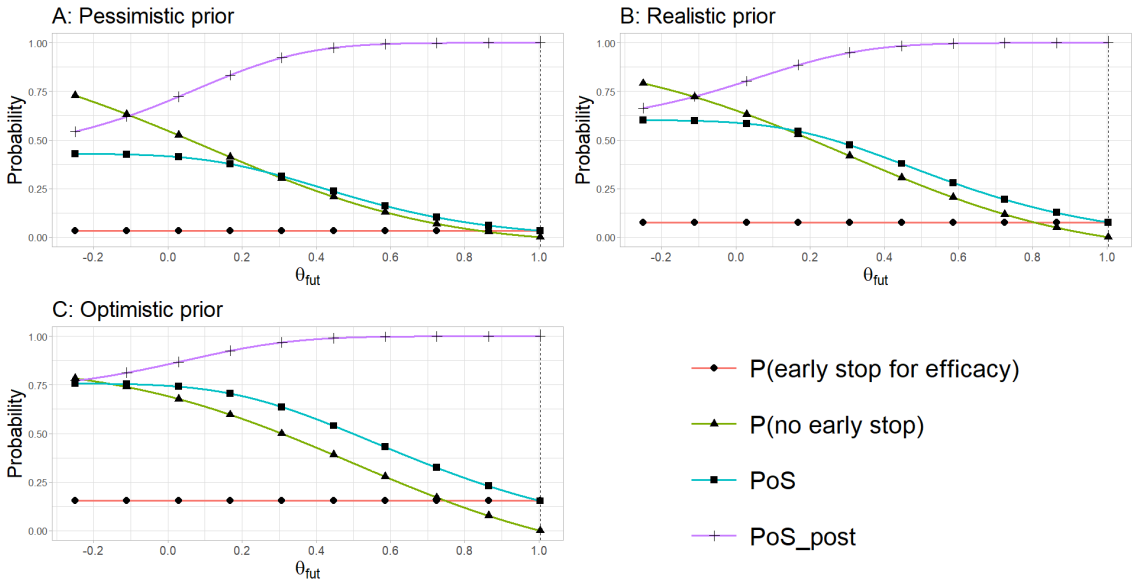


Figure 9: Information fraction = 30%

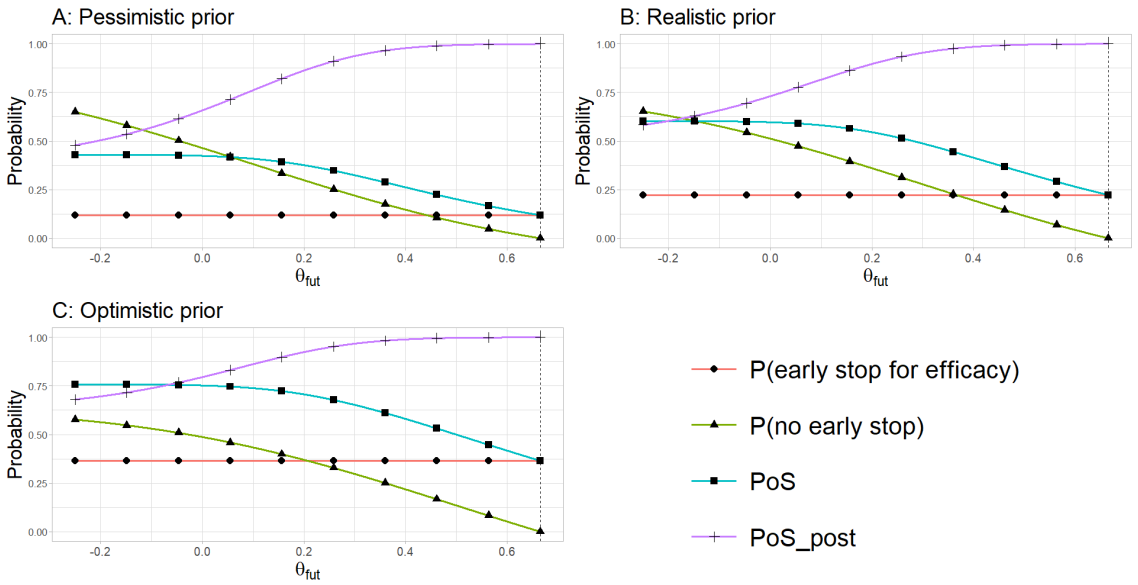


Figure 10: Information fraction = 40%

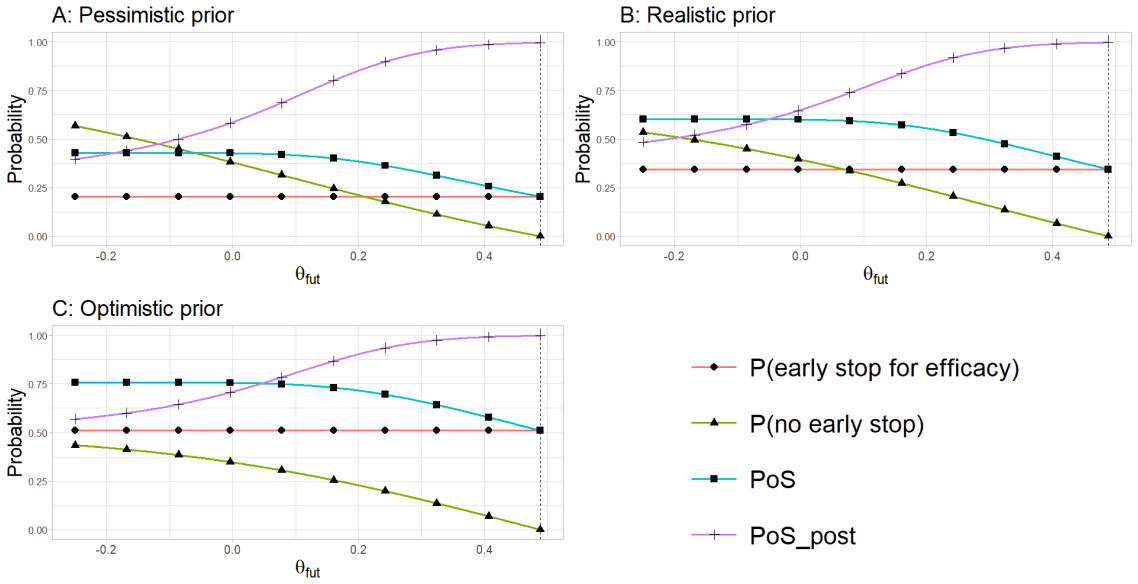


Figure 11: Information fraction = 50%

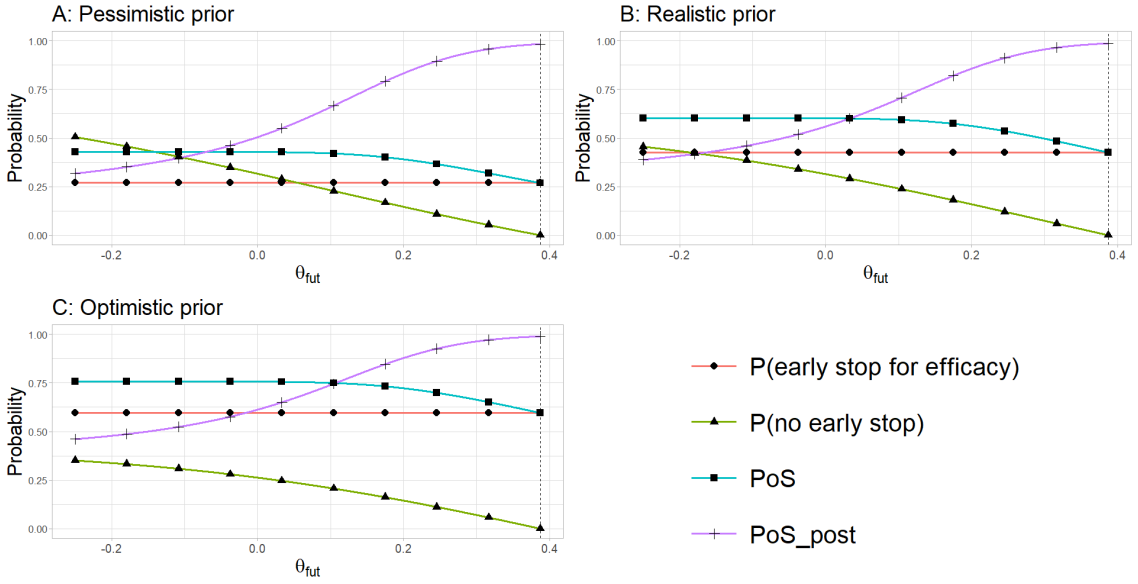


Figure 12: Information fraction = 60%

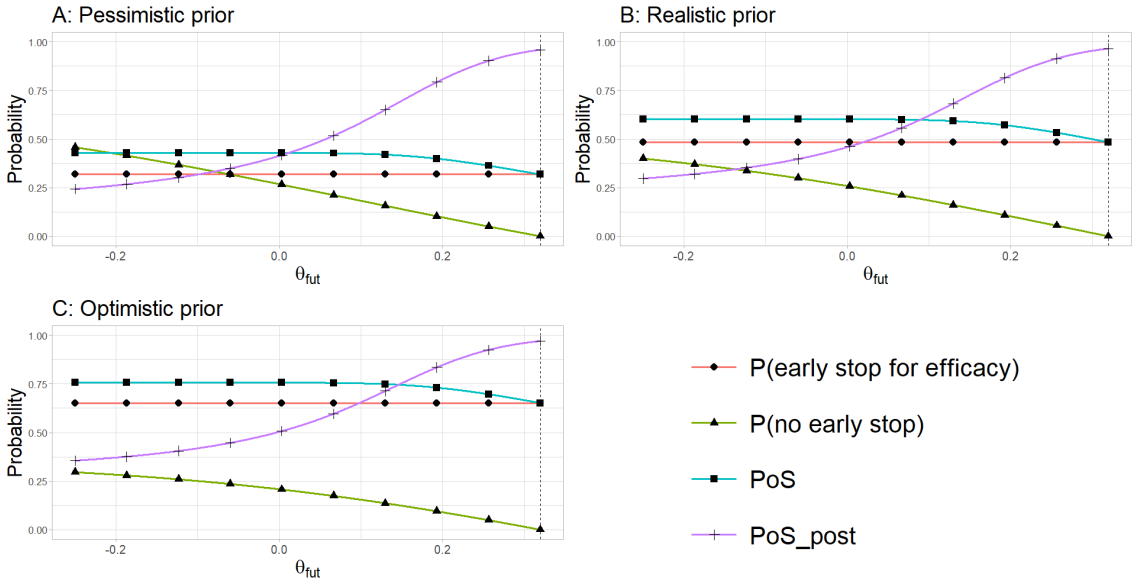


Figure 13: Information fraction = 70%

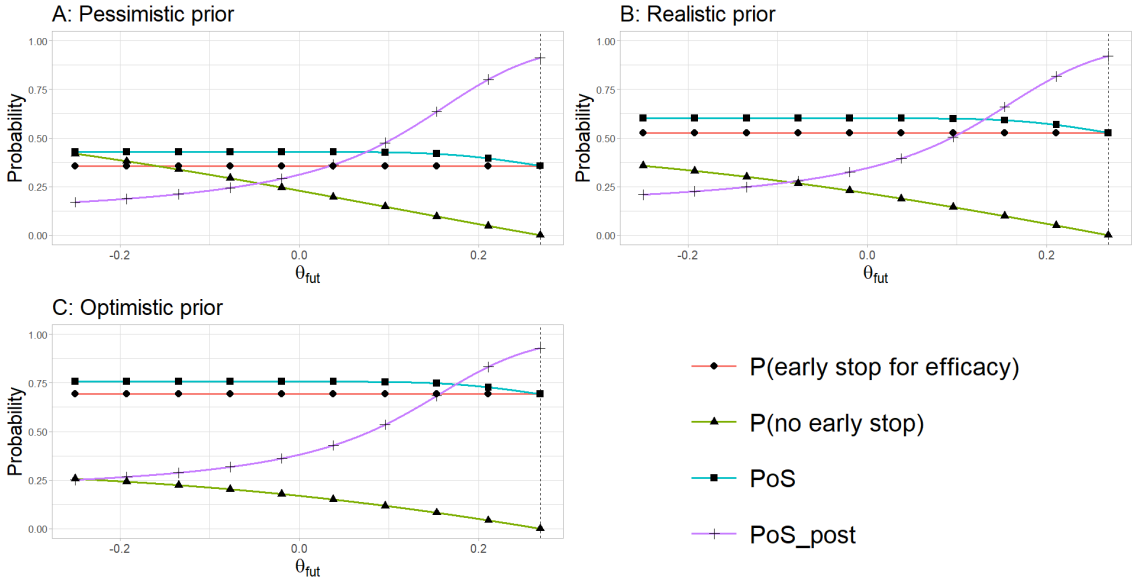
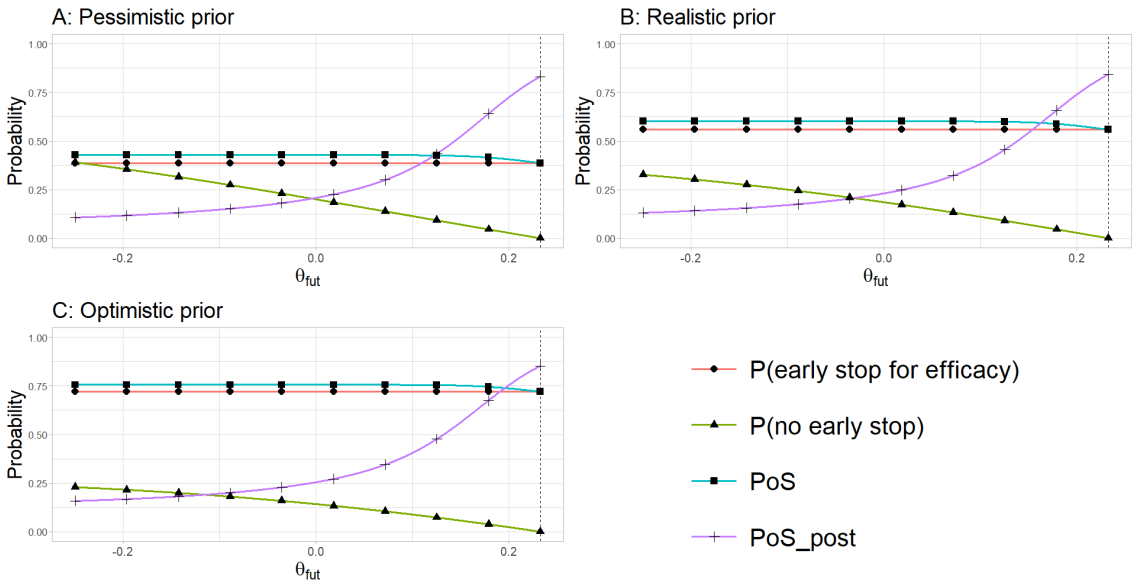


Figure 14: Information fraction = 80%



3 Pocock efficacy boundary

PoS_{post}, PoS, $P(early\ stop\ for\ efficacy)$ and $P(no\ early\ stop)$ as functions of θ_{fut} for three different priors and varying infromation fractions when a Pocock efficacy boundary (vertical dashed line) is used.

Figure 15: Information fraction = 20%

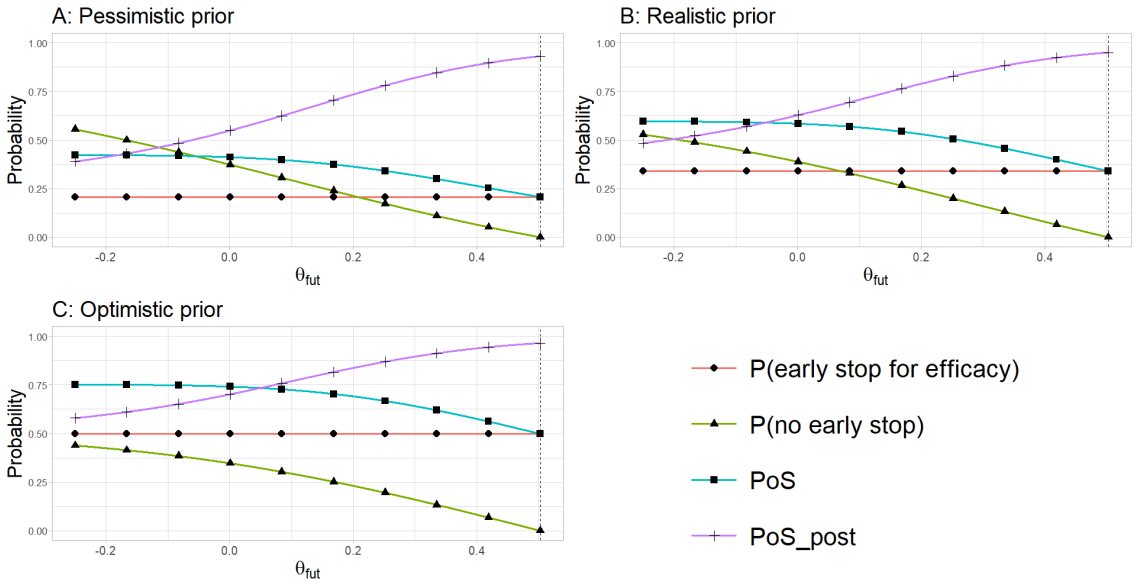


Figure 16: Information fraction = 30%

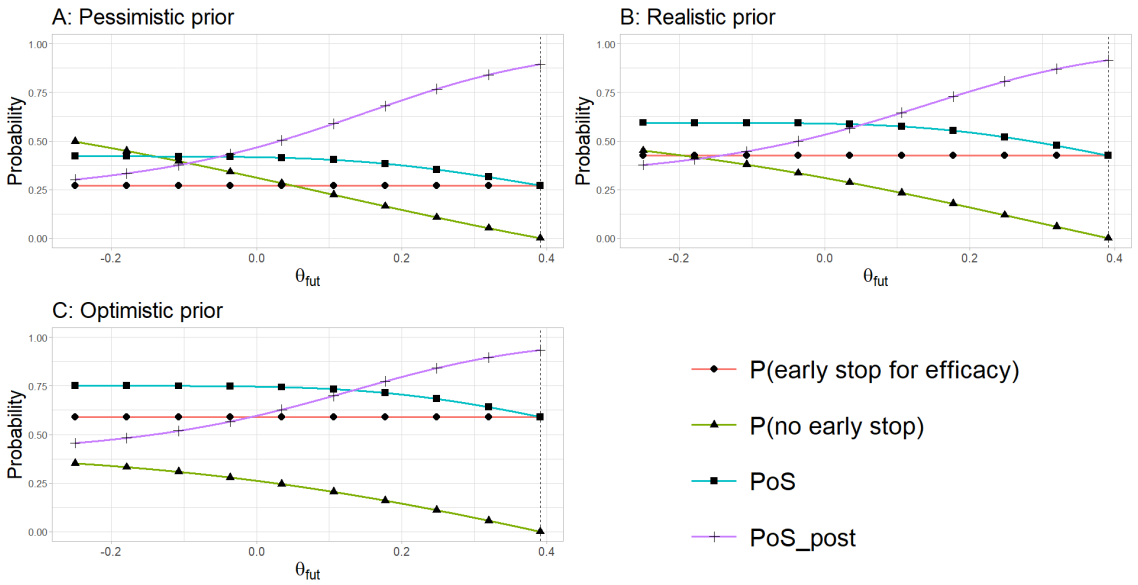


Figure 17: Information fraction = 40%

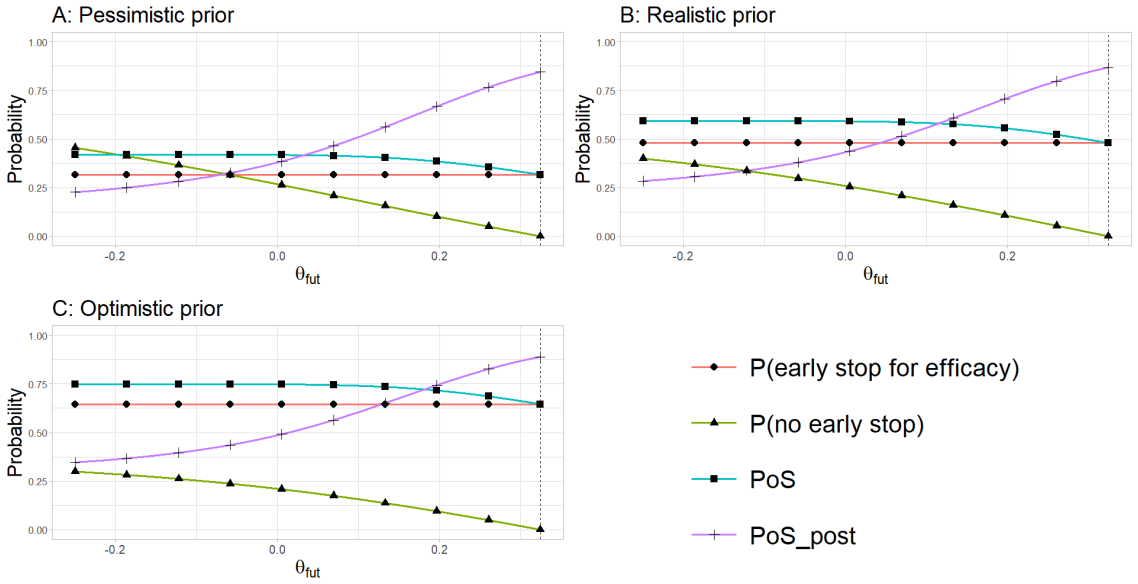


Figure 18: Information fraction = 50%

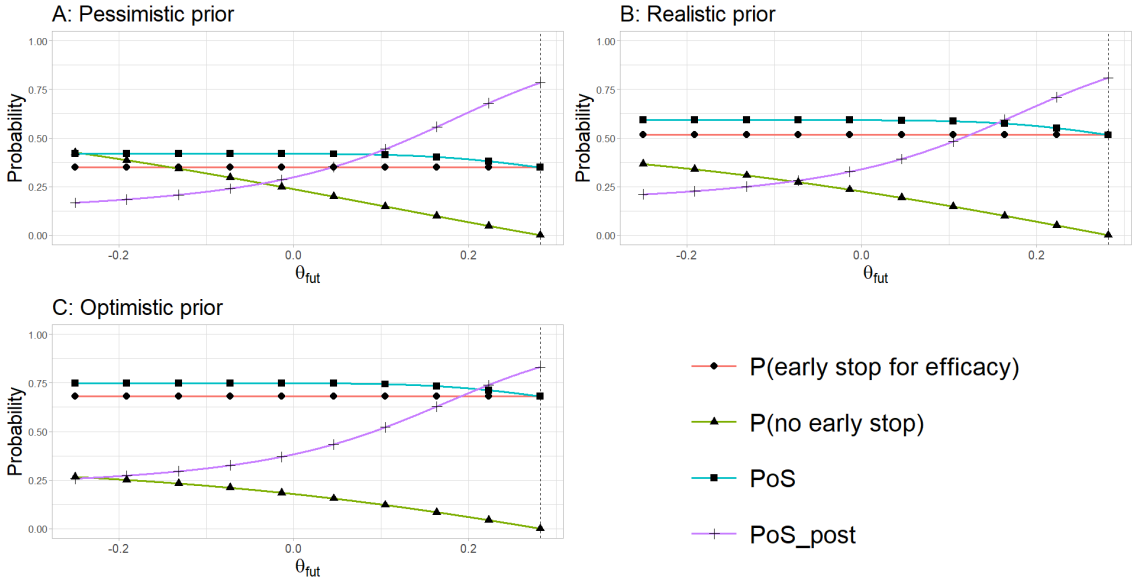


Figure 19: Information fraction = 60%

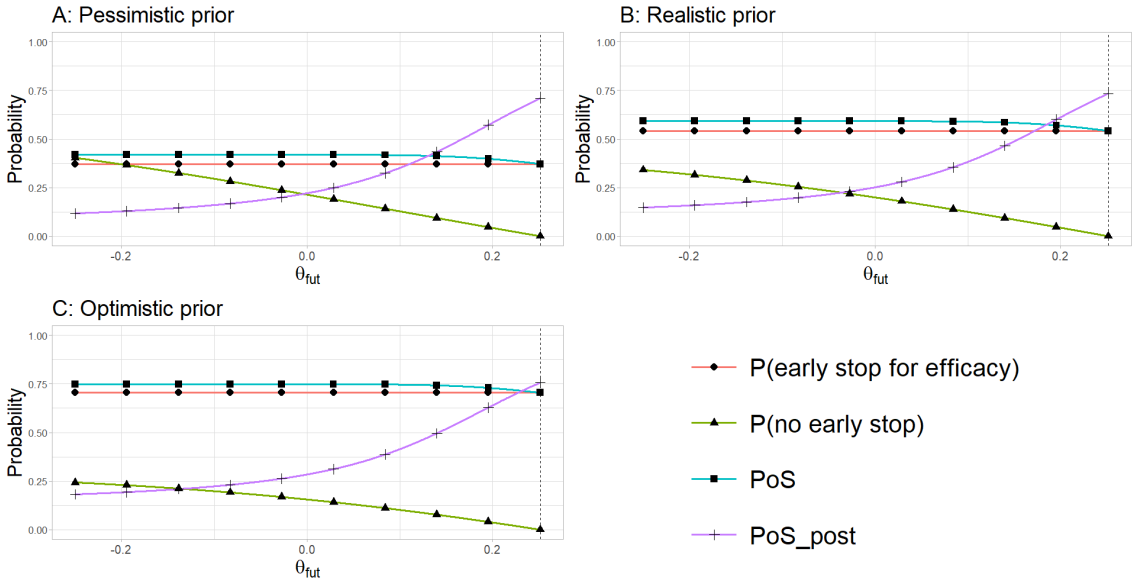


Figure 20: Information fraction = 70%

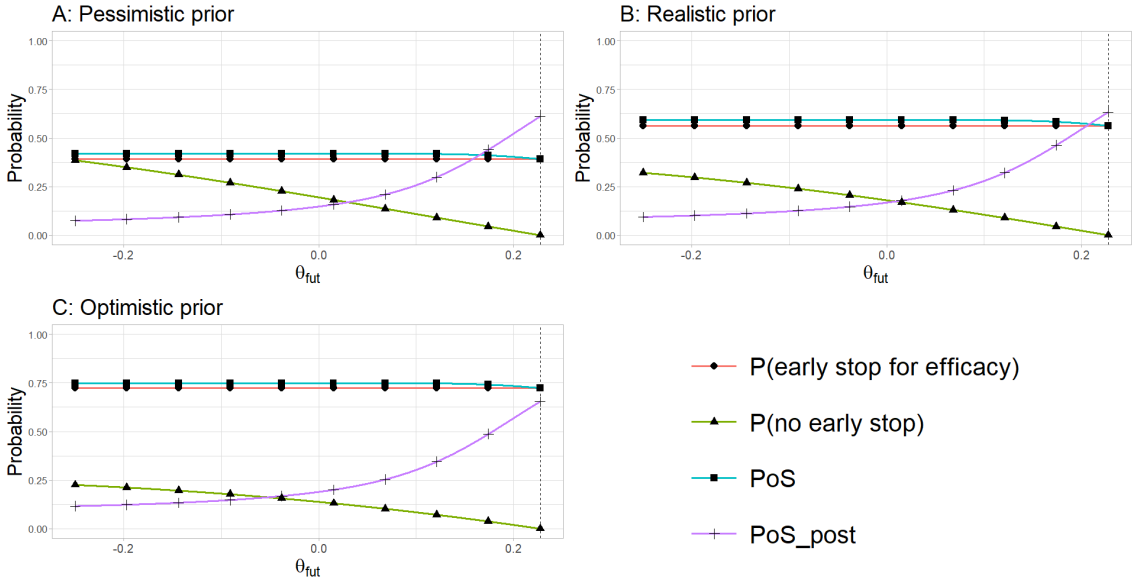


Figure 21: Information fraction = 80%